

Title (en)

Package filled with a water-soluble toxic pulverulent or granular product.

Title (de)

Mit einem pulverigen oder körnigen wasserlöslichen giftigen Produkt gefüllte Verpackung.

Title (fr)

Emballage rempli d'un produit toxique sous forme pulvérulente ou granulaire soluble dans l'eau.

Publication

EP 0190776 A1 19860813 (EN)

Application

EP 86200043 A 19860110

Priority

NL 8500076 A 19850114

Abstract (en)

Some chemical products are so toxic that they must not come into contact with parts of the human body. A package of such a construction that during filling and transport thereof and during the release of product therefrom, the risk of anyone coming into contact with the product is restricted to a minimum, is characterized in that the product is situated in a closed inner container (1) consisting of a water-soluble flexible material and that the filled inner container is placed inside a closed outer container (2) consisting of a flexible material which is resistant to water, both the inner container (1) and the outer container (2) consisting of a flexible tube which is closed near the two ends by a transverse joint (4 or 5 respectively) and the end strips (6) of the inner container are connected to the joining strips (5) of the outer container in a manner such that between the contents of the inner container and the said joining strips there is a certain distance, and that a tear line (7) is made in an exposed part of one of the end strips (6) of the inner container (1)

IPC 1-7

B65D 75/38; B65B 9/10

IPC 8 full level

B65D 85/82 (2006.01); **B65B 9/10** (2006.01); **B65B 9/20** (2012.01); **B65D 75/38** (2006.01)

CPC (source: EP US)

B65B 9/20 (2013.01 - EP US); **B65D 75/38** (2013.01 - EP US)

Citation (search report)

- [Y] GB 1054808 A
- [Y] US 3958749 A 19760525 - GOODRICH JOHN J
- [A] EP 0049978 A1 19820421 - ROWELL FRANK JOHN
- [A] EP 0057768 A2 19820818 - BOSCH GMBH ROBERT [DE]

Cited by

EP2829478A1; EP0755875A1; GB2544455A; EP4147997A3; FR3012119A1; US5222595A; CN103241402A; DE202013001694U1; EP2769928A1; AP245A; US6040024A; EP0530662A1; EP0448440A1; FR2659937A1; US5427794A; ES2527643A1; US6244746B1; US5224601A; GB2221158A; GB2221159A; GB2221160A; GB2222083A; GB2221158B; GB2221160B; GB2222083B; GB2221159B; CN105383745A; CN105383746A; WO2009149913A1; WO9210412A1; US6440508B1; US6471401B1; US6984067B2; US7364359B2; WO2009131514A3; WO2015055903A3; WO2021144622A1; EP0608801B2; EP0707537B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0190776 A1 19860813; EP 0190776 B1 19890510; DE 3663246 D1 19890615; JP H0360751 B2 19910917; JP S61164983 A 19860725; NL 8500076 A 19860801; US 4681228 A 19870721

DOCDB simple family (application)

EP 86200043 A 19860110; DE 3663246 T 19860110; JP 614186 A 19860114; NL 8500076 A 19850114; US 81849286 A 19860113